

19990502.qrp v01_n445.qrl.990502

Date: Sun, 2 May 1999 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1445

QRP-L Digest 1445

Topics covered in this issue include:

- 1) [39422] NC20 - Section 6
by Terry W Arnall <kb6ebz@juno.com>
- 2) [39423] ADEL Nibbling Tool Source
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 3) [39424] Antenna rotator
by Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
- 4) [39425] 1321 miles per watt
by N10DL@aol.com
- 5) [39426] AADE L/C Meter
by "Art Neilson, KH7PZ" <art@hawaii.rr.com>
- 6) [39427] VE2KN -Spring Bouquet May 1
by Jim Lyons <lyons@canada.com>
- 7) [39428] DC receiver problems
by Jay Freeman <jayFreem@direcpc.com>
- 8) [39429] Dick Witzke, KE8KL?
by "jeff davis (N9AVG)" <jeff@jehosophat.com>
- 9) [39430] Filter for NC20
by sda <sda@bellsouth.net>
- 10) [39431] Re: DC receiver problems
by Thomas Kuehl <ac7a@uswest.net>
- 11) [39432] RE: NA5N Mail; WA8MCQ Threat to Resign
by aweiss@usd.edu (Ade Weiss W0RSP)
- 12) [39433] Re: NA5N Mail; WA8MCQ Threat to Resign
by Barry J Minsky <w2bj@juno.com>
- 13) [39434] ARCI Log Format
by "Charles W. Sanders" <no5w@flex.net>
- 14) [39435] Re: Filter for NC20
by "Dave Fifield" <fifield@pacbell.net>
- 15) [39436] Re: Dick Witzke, KE8KL
by Chuck Adams <adams@ticnet.com>
- 16) [39437] FS - Vibroplex
by "George Goodroe" <goodroe@worldnet.att.net>
- 17) [39438] Re: NA5N Mail; WA8MCQ Threat to Resign
by KB90CE@aol.com
- 18) [39439] DL-QRP-component values
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 19) [39440] NA5N: Strentgh of Character

- by S LYON <sslyon@worldnet.att.net>
- 20) [39441] RE: NA5N Mail; WA8MCQ Threat to Resign
by Bruce Rattray <rattray@gpfn.sk.ca>
- 21) [39442] Don't Miss Ft. Tuthill!
by "James R. Duffey" <jamesd1@flash.net>
- 22) [39443] FW: FS - Vibroplex
by "George Goodroe" <goodroe@worldnet.att.net>
- 23) [39444] DC receiver problems
by "Don and Mabel Adams" <adamsdm@lewiston.com>
- 24) [39445] Re: Filter for NC20 and other stuff
by sda <sda@bellsouth.net>
- 25) [39446] Manual needed: B&K Model 1465 O'scope
by sda <sda@bellsouth.net>
- 26) [39447] WTB: Ten Tec Model 242 Remote VFO
by "Tim Cook" <timcook@erinet.com>
- 27) [39448] 350,000 miles per watt
by Larry Cahoon <wd3p@juno.com>
- 28) [39449] Re: 350,000 miles per watt
by "Richard Arland" <r_arland@hotmail.com>
- 29) [39450] need antenna goo roux help
by hamjoel@juno.com
- 30) [39451] Re: need antenna goo roux help
by "John J. McDonough" <jjmcd@tm.net>
- 31) [39452] My nixie tube wont glow!
by "Steve/n0tu" <n0tu@webaccess.net>
- 32) [39453]
by Anthony Felino <anthony@pacinfosb.com>
- 33) [39454] RE:350,000 per watt
by N10DL@aol.com
- 34) [39455] Re: 350,000 miles per watt
by PUNISHER3@aol.com
- 35) [39456] Re: NA5N Mail; WA8MCQ Threat to Resign
by N7YA@aol.com
- 36) [39457] Snitches
by sdk@worldpath.net
- 37) [39458] VE3HYK Not heard here...
by Fred Lesnick <flesnick@tbaytel.net>
- 38) [39459] KnightSMiTes - final report
by Bob Kellogg <ae4ic@nr.infi.net>
- 39) [39460] Re: 350,000 miles per watt
by Larry Cahoon <wd3p@juno.com>
- 40) [39461] Re: 350,000 miles per watt
by "Richard Brummer" <obvious@bestweb.net>
- 41) [39462] Regen receivers
by "Graham Firth" <Graham.Firth@BTinternet.com>
- 42) [39463] Spring Bouquet-Mayflower
by Ben Pooley <bpooley@bar.auracom.com>
- 43) [39464] Half watt

by RON TODD <k4wz@bellsouth.net>

Date: Sat, 1 May 1999 16:14:01 -0700
From: Terry W Arnall <kb6ebz@juno.com>
To: qrp-l@Lehigh.edu
Subject: [39422] NC20 - Section 6
Message-ID: <19990501.161401.-148145.0.kb6ebz@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

I just completed Section 6, VFO Buffer-Amp
of my NorCal 20. I DO NOT get the
test voltages suggested, +1 - +2 volts. I get +.07 on my fluke 27.

Is there a way to trouble shoot those transistors, Q3 and Q4??

Thanks
Terry KB6EBZ

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 01 May 1999 19:25:40 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [39423] ADEL Nibbling Tool Source
Message-ID: <3.0.1.32.19990501192540.006d90ac@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang....one of the list members found another source for
the ADEL nibbling tool at Jensen Tools. URL - <http://www.jensentools.com/>

It is their part number 74-130 and is priced at \$16.95 plus shipping.

I guess that's the best price we've collectively found so far.

72 and kind regards to all.....Jim, K8IQY

Date: Sat, 1 May 1999 18:27:44 -0600
From: Tim and Aretta Gordish <kb9lgj@leogate.kf9ug.ampr.org>
To: qrp-l@Lehigh.EDU
Subject: [39424] Antenna rotator
Message-ID: <103110700b3514bdbb1de@[209.181.171.196]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Picked up an Alliance antenna rotator today at a garage sale for \$.25.
Unfortunately it has no control box. It has 4 terminals for the
controller. Are these controllers pretty much standard, or did I just pick
up some scrap aluminum?

73 de Tim
KB9LGJ

QRP-L #457 MN-QRP NORCAL FISTS AR-QRP

Date: Sat, 1 May 1999 19:36:45 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [39425] 1321 miles per watt
Message-ID: <2bd95c4f.245cea0d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the mistake, I gave him a 599 also. he was booming in.
Aron
N10DL
Bedford, NH

Date: Sat, 01 May 1999 14:41:10 -1000
From: "Art Neilson, KH7PZ" <art@hawaii.rr.com>

To: qrp-1@lehigh.edu
Subject: [39426] AADE L/C Meter
Message-ID: <3.0.6.32.19990501144110.0087e6f0@pop-server>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey guys, I built an AADE L/C Meter I purchased from Morse Express and I can't figure out why it's not working. On power up I get 8 square blocks in the display, the documentation for the kit says this means there's a problem with either the CPU or the 8 Mhz oscillator. Checked the connections between the CPU and the header strip which leads to the display and there is continuity for all 6 connections. The oscillator is doing it's thing on my oscscope and I've examined the solder points with flourecent lamp light magnifying lens and can see no bridges. Any suggestions from my more experienced brethren???

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  /-- )    _/_  It is a capital mistake to theorise before one has data.
 /--/ _ _ /    Insensibly one begins to twist facts to suit theories,
/ ( _/ ( _ _    Instead of theories to suit facts.
                -- Sherlock Holmes, "A Scandal in Bohemia"
```

Arthur W. Neilson III, KH7PZ
Bank of Hawaii Tech Support
art@hawaii.rr.com

Date: Sat, 01 May 1999 21:22:38 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-1@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [39427] VE2KN -Spring Bouquet May 1
Message-ID: <3.0.5.32.19990501212238.007d8760@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It was rough going on 40 this morning ... QSB and bad power line noise.

13:08	VE1AHX	569	QUE Jim # 25	569	NS	Ben 26
13:20	N2ZHY	569		559	NJ	David
	5W					
13:52	AK2A	579		589	NY	Dave 3W
14:20	N1BQR	579		579	ME	Jim
14:45	WB2AGT	569		569	NY	Bob 5W

To give guys out west a chance I've offered to do a couple of turns on 20 metres, more information later.

Jim Lyons, VE2KN
Montreal

Date: Sat, 01 May 1999 20:15:31 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39428] DC receiver problems
Message-ID: <372BA733.D714E918@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy,

Well, I finished my Howes xmtr today, it puts out 2.5 watts on 15m. So I took everything out to my shack and hooked it up to a real antenna. So far I had just tested the rcvr on a few feet of wire. Now I find it is being wiped out by shortwave broadcasts. There seem to be 2 or 3 superimposed. I can make out the CBC and one of those gazillion watt evangelical stations. Tuning the vfo has no effect on the reception of these signals. I can hear a few faint cw signals at the bottom of the band, behind all the racket. I assume these interfering signals are being rectified in the audio stage, since tuning does not change them. Any suggestions on what I may have done wrong, or what I can do to fix it? If you want detail circuit info, email me offline and I'll be happy to provide any information I can.

Thanks in advance, es 73,

Jay Freeman - WT9S

Date: Sat, 1 May 1999 20:31:32 -0500
From: "jeff davis (N9AVG)" <jeff@jehosophat.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [39429] Dick Witzke, KE8KL?
Message-ID: <19990501203132.E13246@jehosophat.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone have an email address for Dick?

I'm assuming mail to qrp@ohr.com isn't going to him anymore (?).

Thanks!

--

72 de Jeff, N9AVG
QRP-L 1640

Date: Sat, 01 May 1999 22:08:57 -0500
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [39430] Filter for NC20
Message-ID: <199905020307.XAA03008@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone built a narrow filter for the NC20?
How hard would it be to do this? (for a newbie
like me, I mean)

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sat, 01 May 1999 09:09:05 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: jayFreem@direcpc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39431] Re: DC receiver problems
Message-ID: <372B2721.85F57874@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Jay:

The problem you are experiencing is common with direct conversion (DC) receivers and is referred to as AM break-through. Powerful amplitude modulated (AM) short wave broadcast stations impose micro volts (or more) across the product detector input and are readily demodulated and amplified by subsequent audio stages. A perfect product detector would not respond to amplitude modulation, but when the input signal is large enough, the detection process deviates from the ideal square-law response and AM is then readily demodulated. It is a nasty fact of life with DC receivers and it plagues nearly every one I've ever tinkered with.

Different product detector designs will respond more or less. I've used single balanced FET designs, the unbalanced dual-gate MOSFET, diode ring DBM's, and double balanced IC devices like the MC1496 and NE602 - they all do it. My old HW-8 is notorious for the problem on 40 meters where the 41 meter short-wave band is intertwined with the amateur band. It is also a problem on 20 meters to some extent, but not as bad as 40. Substitution of the previously mentioned circuits did little to help my HW-8.

There is one circuit that I have experimented with quite a bit that shows pretty good immunity to AM break-through. It has been a while since I fooled with it, but I recall it was referred to as a "harmonic detector." The circuit was developed by an RA3 in the former Soviet Union, about 20 years ago. It used a pair of back-to-back diodes and resulted in cubic transfer characteristic that wasn't suppose to respond to AM detection. It was later perfected by a fellow named Fox (K5?) and featured in a Ham Radio magazine article. Ham Radio magazine, and Bill Orr's Radio Handbook (20th Ed.), went on to present a 40 meter transceiver using a balanced version of the harmonic detector. The detector required an oscillator frequency of 1/2 the input frequency. My experiments with this detector confirmed this was a big step in the right direction, but it still wasn't completely AM free.

The previous information probably doesn't help you much with your current problem. It may be that the input tuned circuit is not "peaked" yet for the band of interest. The further the receiver's front-end is tuned away from the offending station, the less the input voltage to the product detector will be. You may find that peaking the stage at the desired frequency helps improve the rejection. Usually 15 meters is less of a problem than the lower bands. Hopefully you will be able to bring it down to an acceptable level by tuning the receiver front-end.

Good Luck,

Thomas - AC7A

Jay Freeman wrote:

> Howdy,
>
> Well, I finished my Howes xmtr today, it puts out 2.5 watts on 15m. So
> I took everything out to my shack and hooked it up to a real antenna. So
> far I had just tested the rcvr on a few feet of wire. Now I find it is
> being wiped out by shortwave broadcasts. There seem to be 2 or 3
> superimposed. I can make out the CBC and one of those gazillion watt
> evangelical stations. Tuning the vfo has no effect on the reception of
> these signals. I can hear a few faint cw signals at the bottom of the
> band, behind all the racket. I assume these interfering signals are
> being rectified in the audio stage, since tuning does not change them.
> Any suggestions on what I may have done wrong, or what I can do to fix
> it? If you want detail circuit info, email me offline and I'll be happy
> to provide any information I can.
>
> Thanks in advance, es 73,
>
> Jay Freeman - WT9S

Date: Sun, 2 May 1999 00:10:23 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [39432] RE: NA5N Mail; WA8MCQ Threat to Resign
Message-ID: <199905020510.AAA14645@sunburst.usd.edu>

Hi gang:

What was done to Paul is simply staggering -- I find it impossible to conceive of the twisted state of mind that would take such actions. Approaching one's employer has to be one of the most threatening and intimidating kinds of aggression short of clubs and guns.

As someone said, there are 3000+ of us out here who belong to all the clubs who really appreciate and value the contribution that Paul has made to QRP. I sincerely hope that the balloting for the Hall of Fame reflects that respect.

To make his position perfectly clear, Mike resorted to his threat to resign if anyone

in the "inner circle" of the QRP-ARCI was involved. Now, we have to recognize the simple fact that this is not a "the buck stops here" type of organization where the top-dude has to shoulder responsibility. It is not the CIA or Dept. of Corruption etc.

It is a CLUB. Mike does have the power to tell anyone to do or to not do anything. He does not bear any responsibility for private actions of club members. So, Mike, bad idea. Wait until enough people start demanding that you resign, and then give it some thought. So far as I know, general consensus is that you're a great Prez, so stick around.

However, I wholeheartedly support your commitment to purging the club of the individual or individuals who attacked Paul in this insidious manner.

I would suggest that the responsible party/ies who obviously had the courage to call Paul's employer and speak out loud and clear against Paul now crank up that courage and publicly post their resignations from the QRP-ARCI and all other QRP associations -- thereby saving Mike the trouble of resigning. Resign from QRP while they're at it.

OK gang -- let's close ranks and all be QRP'rs again. We're all in a bunch of clubs.

We have to remember that the QRP'rs make the club, not the other way around.

Further,

remember that clubs are just a method QRP'rs use to share QRP with other QRP'rs.

It

isn't one club against another (except in contests!).

72, Ade

Date: Sun, 2 May 1999 01:48:38 -0400
From: Barry J Minsky <w2bj@juno.com>
To: aweiss@usd.edu
Cc: qrp-1@Lehigh.EDU
Subject: [39433] Re: NA5N Mail; WA8MCQ Threat to Resign
Message-ID: <19990502.014839.-208567.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I must have missed something. If someone did what is said to Paul, he should not be a part of any QRP club. Paul's contributions have been great. He is a real friend to all QRPers.

>
>What was done to Paul is simply staggering -- I find it impossible to
>conceive of
>the twisted state of mind that would take such actions. Approaching
>one's
>employer has to be one of the most threatening and intimidating kinds
>of
>aggression short of clubs and guns.

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites,
Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Sun, 02 May 1999 01:33:09 -0500
From: "Charles W. Sanders" <no5w@flex.net>
To: Joe Gervais <vole@primenet.com>
Cc: qrp-l@Lehigh.EDU
Subject: [39434] ARCI Log Format
Message-ID: <372BF1A4.4CC81A8D@flex.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe - aka ARCI Large Contest Critter

Have seen the Summary Sheet format but how about the format for the log
itself? Wanna make your work as easy as possible. Pardon the BW.

Tnx de Chuck/N05W

Date: Sat, 1 May 1999 23:42:20 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <sda@bellsouth.net>
Cc: <qrp-l@lehigh.edu>
Subject: [39435] Re: Filter for NC20
Message-ID: <043b01be9466\$edf84b40\$0db865d8@pacbell.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Todd,

How narrow do you want to go? The standard crystal filter in the NC20 has about a 300Hz bandwidth. This is considered by most CW ops to be a good compromise between keeping out QRM and letting the stuff you want through. The NC20 also includes audio filtering to minimise any noise generated post-crystal filter.

It is possible to make both the crystal filter and the audio bandpass filter much narrower. The minimum you'd practically want to have is about 150Hz. Any narrower than that and you'll start missing stations as you tune around.

To change the crystal filter shape you'll need some information from me about the crystals themselves. You can use GPLA, a program that comes with the ARRL book "Introduction to Radio Frequency Design" by Wed Hayward (available at all good ham stores) to re-design the filters for narrower bandwidth. Bear in mind that as you make the filter narrower, the passband shape and filter attenuation will change.

The audio bandpass filter is pretty standard stuff - the design equations for this are widely published. I used the National Semiconductor book "Intuitive IC Op Amps" by Tom Frederiksen (1984, may be out of print by now!). To make the bandwidth narrower, you'd have to redesign the values using a higher Q for the filter than I did (I used a Q of 5).

Good luck, let us know how you get on.

72, Dave Fifield, AD6A

> Has anyone built a narrow filter for the NC20?
> How hard would it be to do this? (for a newbie
> like me, I mean)
>
> 72
>
> Todd Atkins, K4MSW

Date: Sun, 02 May 99 02:01:48 -0500

From: Chuck Adams <adams@ticnet.com>
To: Jeff Davis <jeff@jehosophat.com>
Cc: qrp <qrp-1@lehigh.edu>
Subject: [39436] Re: Dick Witzke, KE8KL
Message-ID: <E10dpUH-0004MZ-00@smtp.ticnet.com>

-- [From: Chuck Adams * EMC.Ver #2.5.02] --

Gang,

I talked on the phone to Dick last week. Here is the situation and he did give me permission to mention it on QRP-L during the phone conversation. All the following transpired during the period of time that I was fighting system problems.

As all of you know from recent postings from Marshall Emm in CO, OHR was sold to Marshall around the first of last month. So all email and phone related topics for OHR go to Marshall and Dick will still be supporting Marshall for some time.

The sad news is that about a week after the sale Dick had a heart attack. I had just happened to call Dick during that week and found out the news from Kathy. For reasons that I won't go into here I did not post to the group and the news was kept to a few people in order to give Dick and his family privacy and time to work through this.

The very good news is that Dick Witzke, KE8KL, is doing fine and is feeling better than he has for some time. But he will not have Internet access for a while and I'm sure he will announce when he does get back online. He just doesn't have a computer system at this time for Internet access.

So, the thing for us all to do is to remember his contributions to the QRP community over the years and to give him time to recover and get healthy. This means not putting pressure on him at this time and to allow him and his family privacy and quiet time. I don't think we need a ground swell to send him cards and letters and phone calls to wish him well and place a burden on him to respond to same. I'm sure that he knows how much the community appreciates his work and support over the years. We all wish him well, good health and a speedy recovery.

On another sad note we did lose another member of this group.
Due to requests from the family this information is being
kept from public dissemination, so don't ask me to reveal
who we lost. In due time the family will notify QRP-L.
It was really a shock to those that do know and to
me also. Thanks.

The important thing is for us each to remember that we
are all on this orb for a short period of time. We each
must in our own way consider that we will lose members
and valued friends as the years rush by. It is a fact of
life as we know it. It saddens and touches us all when
this happens and hopefully we all put relationships and
families and friends above all else and remember that there
are more important things in life than this hobby we call
radio amateur....

Each and every member of this group is important to all
the others, so please take care of yourself. 3,000
postings over the years that another member of this
group has passed on will touch us all, but take heart
in knowing that you will be missed. This is a
pretty close group and here's hoping that it stays
that way for a long long time to come.

Stay healthy and take care. dit dit

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Sun, 2 May 1999 09:21:08 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: <cars@k4ksa.org>, <w4dug@onelist.com>, "Qrp-L@Lehigh.Edu (E-mail)" <qrp-
l@Lehigh.EDU>

Subject: [39437] FS - Vibroplelex
Message-ID: <000101be949e\$a62d8fe0\$f3f0fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale Vibroplex Standard Iambic paddles. Clean, Non-Smoker. Recently cleaned and adjusted.

\$75.00 contact days at 800-330-0030 x122 or via email kf4cpj@arrl.net

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

Date: Sun, 2 May 1999 09:25:33 EDT
From: KB9OCE@aol.com
To: aweiss@usd.edu, qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [39438] Re: NA5N Mail; WA8MCQ Threat to Resign
Message-ID: <4e4031ea.245dac4d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-05-02 01:15:13 EDT, you write:

<< However, I wholeheartedly support your commitment to purging the club of the individual or individuals who attacked Paul in this insidious manner. >>

GENTEEL INDIVIDUALS PLEASE DELETE NOW!!!

Personally, although I love and prefer QRP, I am in favor of finding the person(s) who did it and hook up a killowatt to their testicles to see what their swr (scream/wail resonance) is...if it's a lady that did it...well....I don't know. Suggestions? BTW, anyone who complains about this post probably was involved. :o)

73
Mike

Date: Sat, 1 May 1999 19:11:49 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <W0Irw@kktv.com>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [39439] DL-QRP-component values
Message-ID: <002201be93f5\$cc98f740\$13a39ec1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi Paul and all other interested friends,

C1 22n
C2 100n
C3 2n2
C4 100n
C5 100n
C6 100n
C7 100n
C8 100n
C9 100n
C10 ???
C11 47yF

R1 470
R2 68
R3 4R7
R4 1
R5 10
R6 4k7

R8 470
R9 68
R10 68
R11 68
R12 2R2 (to adjust current at 200 mAmps with no drive!)
R13 none (if using 3N1971 for T3, T4)
R14 10
R15 10
R16 1
R17 1
R18 68
R19 1
R20 1

R21 ????

R22 68

R23 10

T1 BD242 (Simply a medium power PNP Transistor, could be replaced with any type of same lay out)

T2 BC807-40 (could be replaced with most PNP SMD Transistors, its only a switch)

T3 2SC1970 (MRF 227)

T4 2SC1971 (MRF260)

T5 2SC1971 (MRF260)

I hope this helps,

72 de Peter

> -----Urspr ngliche Nachricht-----

> Von: W0rw@kktv.com [mailto:W0rw@kktv.com]

> Gesendet am: Sonntag, 2. Mai 1999 04:13

> An: Peter_DL2FI@csi.com

> Betreff: AW: Funkamateu r PA

>

> Hi Peter, can you send me the DL-PA component values ?

> They are not on your schematics...

> i know the SMT Resistors are marked but the Caps are not...

> Thanks Paul w0rw@kktv.com

>

>

Date: Sun, 02 May 1999 10:15:52 -0400

From: S LYON <sslyon@worldnet.att.net>

To: qrp chat <qrp-l@Lehigh.EDU>

Subject: [39440] NA5N: Strentgh of Character

Message-ID: <372C5E18.4FF4A3BE@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Having watched in horror as this thread unravelled, I am now glad to have endured the agony to the point where Paul's communications have reaffirmed not only his ability and determination to move forward

despite what must have been a devastating blow, but his basic strength of character, as well. We can all learn from this wonder-full example, gang. We can be heartened by the triumph of a noble spirit over attack by someone with pathologically defective character.

His signature says a lot: "Norcal Zombie 0004 -the hard way." It is an honor and privilege to know and share association with Paul Harden.

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 2 May 1999 08:26:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Ade Weiss W0RSP <aweiss@usd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [39441] RE: NA5N Mail; WA8MCQ Threat to Resign
Message-ID: <Pine.LNX.3.95.990502082305.24829C-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Please hang in there Mike...I understand your sense of responsibility and it's too bad many world leaders don't have it....by staying in there you will send a message to the "bad guys" that the "good guys" of qrp are standing solidly together for our common interest, the joy of qrp...to do otherwise might give the bad guys a sense of victory and of course the reality of the situation would not be so....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan, Canada
Amateur Radio Stamp Collector "QRP! How sweet it is!"

Date: Sun, 2 May 99 08:27:41 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39442] Don't MIss Ft. Tuthill!
Message-ID: <199905021429.JAA08737@ares.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

All - If you are interested in QRP and if you are within a day's drive of Flagstaff and don't go to the Ft. Tuthill HAMfest (Actually it is called

the Az State Convention, but nobody calls it that) you are missing one of the premiere QRP events in the nation, and a great hamfest to boot!

If you are into camping the QRP group campground is a wonderful place to camp as well as meet and chat with old friends and make new friends. I don't know who is handling the group campground this year, but if you want an inexpensive place to stay I highly recommend it.

Tuthill, the QRP capmground particualry, is one of the few hamfests where you see many families in attendance. My wife goes every year. The campground has many spouses, children and pets running about. As Joe said, there is a plethora of things to do within an hour or so of Flagstaff.

The QRP symposium usually has 4 or 5 good speakers and me.:^) The exchange of information is superb and I never cease to learn something. With the small audience the talks are very informal and interactive. I never get bored. The Az SQRPs do a fine job of putting it all together and making everybody feel welcome.

The hamfest itself is very good for its size. There are commercial exhibitors, usually the big three show up along with a few distributors and other vendors. The swap area varies from year to year, but it usually has something for everybody. I always end up bringing a few treasures home.

One of the highlights of the hamfest is the picnic/Barbecue (bring your own meat) held Saturday night. This is followed by an informal bull session which lasts far into the night. The run for the borders theme was conceived during one of these sessions. :^)

As you can see, Tuthill has my highest recommendation. See you there?? -
KK6MC/5 Dr. Megacycle

Date: Sun, 2 May 1999 10:34:06 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: <cars@k4ksa.org>, <w4dug@onelist.com>, "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [39443] FW: FS - Vibroplelex
Message-ID: <000a01be94a8\$de93d740\$f3f0fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all, The Vibroplex is sold.

73 de KF4CPJ

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of George Goodroe
Sent: Sunday, May 02, 1999 9:21 AM
To: Low Power Amateur Radio Discussion
Subject: FS - Vibroplex

For Sale Vibroplex Standard Iambic paddles. Clean, Non-Smoker. Recently cleaned and adjusted.

\$75.00 contact days at 800-330-0030 x122 or via email kf4cpj@arrl.net

73 de KF4CPJ

George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

Date: Sun, 2 May 1999 08:13:48 -0700
From: "Don and Mabel Adams" <adamsdm@lewiston.com>
To: <qrp-l@Lehigh.EDU>
Subject: [39444] DC receiver problems
Message-ID: <004601be94ae\$732cf8a0\$c75d25d1@adamsdmlewiston.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jay, I have a Howes tranceiver for the 40m band I have been using for several years with no problems. It consists of a VFO board, DC receiver board, transmitter board, and sidetone board mounted in a Radio Shack box. The VFO is enclosed in its own box within the RS box. All the interconections from board to board and board to antenna were made with RG-174 coax. The outer mesh shield of the coax is always grounded. I used the RG-174 for both rf and audio connections. I even used it for the volume control connections. I didn't use it for the power connections but I see no reason why you couldn't.

Good luck. Don Adams
KJ7NJ
Lewiston Idaho

Date: Sun, 02 May 1999 10:19:52 -0500
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [39445] Re: Filter for NC20 and other stuff
Message-ID: <199905021519.LAA19776@mail1.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for the response, Dave. I am still rather clueless, but had enjoyed the variable filter on the OHR rigs where you could spin to "narrow" or "wide". The 300Hz is usually fine, I guess I am wanting narrower for the weaker signals or when there are adjacent signals pounding away during a QSO. Also I suppose I am one who is never satisfied! I have really enjoyed the NC20, and right now it is my main rig. I am making contacts nearly every day, and everyone who hears it says it sounds fantastic.

Also, just completed the Emtech ZM-2 ATU, and so it will make a nice addition to the qrp shack. You could just about fit the ZM-2 guts in the NC20, but I am not sure if it would jive well next to NC20 components. I have a Heathkit HM-9 and was considering taking guts of it + guts of ZM-2 and putting them both in a "blank" NC20 case that I obtained a while back. That way I would have tuner, wattmeter, and swr meter in one box.

Hamfest was good to me--found a 10Mhz B&K scope for \$10 and it works! Also got a uhh (choke, cough) "Radiokit SSB Transceiver" for \$15. It's 75M and 5 Watts out. I laughed because I don't even own a mike. Spent \$37 on misc. connectors/cable.

Our QRP Forum went well--had about 20 people show up. Gave a 38 special as a door prize. Anyway...I am rambling. Ya'll have a good Sunday.

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

At 11:42 PM 5/1/99 -0700, you wrote:

>Hi Todd,

>

>How narrow do you want to go? The standard crystal filter in the NC20
>has about a 300Hz bandwidth. This is considered by most CW ops to
>be a good compromise between keeping out QRM and letting the stuff
>you want through. The NC20 also includes audio filtering to minimise
>any noise generated post-crystal filter.

>

>It is possible to make both the crystal filter and the audio bandpass
>filter much narrower. The minimum you'd practically want to have
>is about 150Hz. Any narrower than that and you'll start missing
>stations as you tune around.

>

>To change the crystal filter shape you'll need some information from
>me about the crystals themselves. You can use GPLA, a program that
>comes with the ARRL book "Introduction to Radio Frequency Design"
>by Wed Hayward (available at all good ham stores) to re-design the
>filters for narrower bandwidth. Bear in mind that as you make the
>filter narrower, the passband shape and filter attenuation will change.

>

>The audio bandpass filter is pretty standard stuff - the design equations
>for this are widely published. I used the National Semiconductor
>book "Intuitive IC Op Amps" by Tom Frederiksen (1984, may be out
>of print by now!). To make the bandwidth narrower, you'd have to
>redesign the values using a higher Q for the filter than I did (I used
>a Q of 5).

>

>Good luck, let us know how you get on.

>

>72, Dave Fifield, AD6A

>

>> Has anyone built a narrow filter for the NC20?

>> How hard would it be to do this? (for a newbie

>> like me, I mean)

>>
>> 72
>>
>> Todd Atkins, K4MSW
>

Date: Sun, 02 May 1999 10:22:29 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [39446] Manual needed: B&K Model 1465 O'scope
Message-ID: <199905021521.LAA04615@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Picked up a B&K Precision Model 1465 scope at
the B.R. Hamfest this weekend. Works fine.
Wondering if anyone knows where I can get a
copy of the manual?

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sun, 2 May 1999 11:46:06 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39447] WTB: Ten Tec Model 242 Remote VFO
Message-ID: <039a01be94b2\$e57210e0\$17705acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking for a Ten Tec 242 remote VFO for the 540/544 series rigs.
Please respond directly with any info..
thanks
Tim

NZ8J

Date: Sun, 2 May 1999 15:51:06 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [39448] 350,000 miles per watt
Message-ID: <19990502.155107.4750.0.wd3p@juno.com>

Hi Gang,
He should not have heard me.

I've been playing around in the county hunter contest with the ten-tec attenuator I picked up used last week. I set the Sierra at 500 mWatts and put the attenuator in line. Six steps give me from 500 mWatts down to 2 mWatts.

First great catch was NC4J in FL at 8 mWatts - about 700 miles for 85,000 miles per watt. Then I hear Ken, KC4UG in Lamar county, AL. I know he can hear. I've worked him mobile in FL, GA, AL, and MS at 30 mWatts. So I try 2 mWatts. Back he comes and even gives me a 339. He is also about 700 miles down the pike so that one works out to 350,000+ miles to the watt.

A few other good ones yesterday were NE, SD, and AZ all at 100 mWatts. Not as good as the others but they still 10,000+ miles to the watt.

This is too easy and lots of fun.

72 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 02 May 1999 16:03:07 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: wd3p@juno.com, qrp-1@Lehigh.EDU
Subject: [39449] Re: 350,000 miles per watt
Message-ID: <19990502160307.63941.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

OUTSTANDING!

Now that the prop is shaping up a bit better on the bands, we need more of this kind of effort.

73 es congrats.

Rich K7SZ

>Hi Gang,

> He should not have heard me.

>

> I've been playing around in the county hunter contest with the
>ten-tec attenuator I picked up used last week. I set the Sierra at 500
>mWatts and put the attenuator in line. Six steps give me from 500 mWatts
>down to 2 mWatts.

>

> First great catch was NC4J in FL at 8 mWatts - about 700 miles
>for 85,000 miles per watt. Then I hear Ken, KC4UG in Lamar county, AL. I
>know he can hear. I've worked him mobile in FL, GA, AL, and MS at 30
>mWatts. So I try 2 mWatts. Back he comes and even gives me a 339. He is
>also about 700 miles down the pike so that one works out to 350,000+
>miles to the watt.

>

> A few other good ones yesterday were NE, SD, and AZ all at 100
>mWatts. Not as good as the others but they still 10,000+ miles to the
>watt.

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Date: Sat, 1 May 1999 21:18:16 -0400

From: hamjoel@juno.com

To: qrp-1@lehigh.edu

Subject: [39450] need antenna goo roux help

Message-ID: <19990502.130631.-211375.0.hamjoel@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi most learned ones:

I'm thinking of another antenna project and being as I was thinking, my cajun mama suggested I consult with someone who might kneaux what I'm thinking about...

Here is the poop....

I have a three element forty meter yagi hanging in the air with rope and dowel rods and I thought (there is the troubleing part) that I could put the tuner on the forty meter driven element coax , to load it for thirty meters, and add a director and reflector for thirty meters and all should work fine...

I'm thinking one less wire and coax to hang in the air... any reason why this won't work????

Joel kella

in maine

tradeing in my pirogue for a kayak with a beam on top....

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 2 May 1999 13:19:30 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [39451] Re: need antenna goo roux help
Message-ID: <002c01be94bf\$f33a4820\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joel,

Probably it will work sort of, but an 'optimal' arrangement will probably affect the size of your 40 meter elements. I would STRONGLY encourage you to get a copy of NEC2 and model it. It's a lot easier to play in the 'puter than in the air. Better yet, spend some bucks on EZNEC. NEC2 is probably better in some ways, but it's poorly documented and a pain to get the hang of. EZNEC is almost the same thing, but with a user interface you can actually understand.

You can download NEC2 at <http://www.qsl.net/wb6tpu/swindex.html>

Afraid I can't lay my hands on an EZNEC URL real quick - but it's a pile easier to get going on, although the engine is basically the same.

I just picked up a copy of the QST/QEX/NCJ CD yesterday at the Cadillac Hamfest and I notice there are some NEC articles in QEX, but I haven't had a chance to see if they are any count.

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 2 May 1999 12:02:00 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [39452] My nixie tube wont glow!
Message-ID: <003101be94c5\$e47e4060\$87a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Gang,

I just picked up a vintage Fluke 8200 DVM at a swapfest. I really like the glow of those old nixie tubes. But this one has a dead display. or so it seems.

When I change ranges ...the decimal point flickers... I think its a NE-2 but no even a hit of life in the nixies. What drives these guys...?

So where would you look first? The fuse is good ...and the function indicator lights are on so she's alive but just no nixies!! Where to begin troubleshooting is the Question! No manual.. Looked inside and there's lot's of PC boards plugged into a mother board nothing obvious ..no blown diodes to the naked eye?

Thanks for time and help...Steve/n0tu

Date: Sun, 2 May 99 11:05:09 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-l@Lehigh.EDU
Message-ID: <Chameleon.925668519.anthony@anthony>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

May I point out that another advantage to building a regen is that you end up with a signal generator as well as a receiver.

anthony, WN6Q

Date: Sun, 2 May 1999 14:27:19 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [39454] RE:350,000 per watt
Message-ID: <b70f0c52.245df307@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Great going Larry, this gives me something to shoot for. I'm just getting into this Miles per Watt thing and am loving it.

Aron

N10DL

Bedford, NH

Date: Sun, 2 May 1999 14:34:08 EDT
From: PUNISHER3@aol.com
To: qrp-l@lehigh.edu
Subject: [39455] Re: 350,000 miles per watt
Message-ID: <ed5e2545.245df4a0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wow... a 350,000 + miles per watt, now thats pretty good.

Now I must ask the question that all are wondering..... What kind of antenna are you using over there? 10, 11, maybe even 12 element yagi?

73,
Ben
NW7DX

Date: Sun, 2 May 1999 14:53:01 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [39456] Re: NA5N Mail; WA8MCQ Threat to Resign
Message-ID: <335e9cd0.245df90d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/2/99 6:30:45 AM Pacific Daylight Time, KB90CE@aol.com writes:

<< Personally, although I love and prefer QRP, I am in favor of finding the person(s) who did it and hook up a killowatt to their testicles to see what their swr (scream/wail resonance) is. >>

Hey Mike, i wonder how that would load up on 20? im willing to try anything once, especially now since i havent put anything in my log in quite a while....but no matter what, i think Paul should be guest op at the controls running the KW.

(i know it isnt qrp, but 300 mw wouldnt do much more than make the culprit giggle)

73...Adam, N7YA

Date: Sun, 02 May 1999 15:22:54 -0400
From: sdk@worldpath.net
To: qrp-l@lehigh.edu
Subject: [39457] Snitches
Message-ID: <3.0.5.32.19990502152254.007cb960@worldpath.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, Something finally got me out of the woodwork and it isn't even related to radios.

Snitches are reprehensible little toads worthy of all the contempt we can heap upon them. Are now, always were.

I know I'll get flamed for this one but I am of the mind that even Ted K.s brother should have spoken to him before he turned him in FOR MONEY yet.

Jeez, There must be a special place in hell for these people.

Ok, I feel better now. Back to radio.

Scott.

Date: Sun, 02 May 1999 15:25:43 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [39458] VE3HYK Not heard here...
Message-ID: <372CA6B6.6CB2DCE0@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just heard KI5UK(QR0) working Ross VE3HYK at 19:15 z...But cant hear
Ross up in the North west...Another hot day in Thunder Bay....
72 Fred
VE3FAL

You can do so much with so little...

Date: Sun, 02 May 1999 15:29:00 -0700
From: Bob Kellogg <ae4ic@nr.infi.net>
To: klqrp <klqrp@vramp.net>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [39459] KnightSMiTes - final report
Message-ID: <372CD1AC.872DB66B@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, Guys,

The last of the KnightSMiTes will be shipped soon. No more orders.

It has been quite an interesting ride. The KnightSMiT was a project of the Knightlites QRP Association. It was a little tranceiver kit using Surface Mount technology. Our plan was to acquaint hams with SM through an inexpensive, fun, kit that really worked.

It was truly a club effort. Based on the ubiquitous Pixie, it was designed by Gary, N3G0, and Todd, KB0HQU, did most of the board work. Derek, WF4I, made prototype boards. Jim, W7LS, and Preston, WJ2V, built and tested the beta version. I prepared the kits and was the shipping department. Other club members cheered and built early models.

We sweated whether to make a first run of 100 or 150. Our pricing was tight, and we worried about it costing more than we charged, since the Knightlites had no treasury. Then we got some very generous parts donations, so we were OK financially. As time passed, I got some good lessons in Ordering, Quality Control and Inventory control.

At the end, we will have shipped just over 700 kits. I haven't prepared the last ones, yet, so the final count will depend on how many parts I have. (you think I'm going to count those little flyspecks?) The kits have travelled to Chile, New Zealand, Japan, Italy, Norway, Germany, and the U.K., at least.

You saw a report earlier on our attempted Germany-U.S.A. contact, which was great fun for all involved.

The best part has been our customers. Most orders came with a note of appreciation for the project. I wish I could have replied to each individually. No checks have bounced. My errors (missing parts, etc.) were accepted graciously.

Our suppliers also gave us great support. FAR circuits was particularly good, producing boards for us for considerably less cost than the commercial board houses.

So, it's done, it was a lot of hard work and fun. Many thanks to everyone for your participation.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, not Nececelery, - Benny Hill

Date: Sun, 2 May 1999 19:33:59 +0100
From: Larry Cahoon <wd3p@juno.com>
To: PUNISHER3@aol.com, qrp-1@Lehigh.EDU
Subject: [39460] Re: 350,000 miles per watt
Message-ID: <19990502.193426.12782.0.wd3p@juno.com>

On Sun, 2 May 1999 14:34:08 EDT PUNISHER3@aol.com writes:

> Now I must ask the question that all are wondering..... What
>kind of
>antenna are you using over there? 10, 11, maybe even 12 element yagi?

As my website says: "someday I'll figure out a reason to put up a tower."
The Ant - a simple dipole for 20 Meters fed with 100-150 ft of 10 yr old
rg 8x.

72 de larry.....WD3P in MD

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 2 May 1999 15:53:51 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [39461] Re: 350,000 miles per watt
Message-ID: <001d01be94d5\$8123bb20\$6805b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>As my website says: "someday I'll figure out a reason to put up a tower."
>The Ant - a simple dipole for 20 Meters fed with 100-150 ft of 10 yr old
>rg 8x.

My kind o' guy -- congrats, Larry.

73,
Dick K2REB

Date: Sun, 2 May 1999 23:15:09 +0100
From: "Graham Firth" <Graham.Firth@BTinternet.com>
To: <qrp-1@lehigh.edu>
Subject: [39462] Regen receivers
Message-ID: <003c01be94e9\$64315cc0\$02010080@graham>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi

When I first started on this game in the very early 1950s, I started with a one valve (OK tube!) radio which is how I heard my first ham (& thus got the bug). I had forgotten what fun it was, but this weekend it all came back again as I have been making regen receivers again.

These days, they seem to need more than one transistor, but they are still easy to build, and, you don't get shocks as there is no 90 volt supply any more!

Once I decided to have a go, I found loads of references - in Sprat, QRPP, and the ARRL handbook. I have not decided which circuit is best yet as I am still playing.

I have a piece of copper plated board and I am using ugly style - just soldering the ground connections to the board.

In my early days, I used a mica dielectric variable capacitor for the reaction control, but now it's all done with a variable resistor.

What fun.

72/3

Graham

G3MFJ/W3MFJ

Date: Sun, 02 May 1999 19:36:30 -0300
From: Ben Pooley <bpooley@bar.auracom.com>
To: qrp-canada@lists.gpfn.sk.ca
Cc: qrp-1@lehigh.edu
Subject: [39463] Spring Bouquet-Mayflower
Message-ID: <3.0.6.32.19990502193630.007ad9b0@bar.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings;

Will try again to dispense Mayflowers for the Spring Bouquet:-

Wednesday May 5, 0000 - 0200Z (that's Tues. evening, even in NS)
7040 KHz CW, probably easing down in freq. if that horrific noise
generator comes up on 7040

Thursday May 6 2300Z to Friday 0100Z, 14060 +- CW.
20M has sometimes been wide open this late recently, so
will hope for the best.

72, Ben VE1AHX

Date: Sun, 02 May 1999 18:48:55 -0400
From: RON TODD <k4wz@bellsouth.net>
To: QRP POST <qrp-l@Lehigh.EDU>
Subject: [39464] Half watt
Message-ID: <372CD657.EC3599DF@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just worked N8EAG in Fairmont, Wva. From nr. Atlanta, GA with Half
Watt with my new Vectronics kit. I saw the kits in CQ May issue. Hey
this can be lots of fun. This is old hat for you guys. Haveing Fun

End of QRP-L Digest 1445

